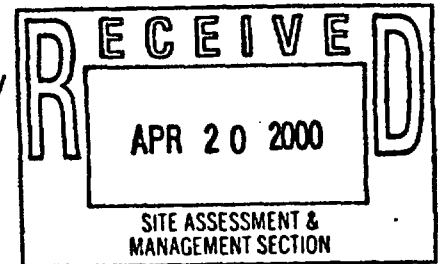




United States Environmental Protection Agency
Region 6 Environmental Services Branch Laboratory
10625 Fallstone, Houston, Texas 77099

Final Analytical Report



Site Name Old Brazos Forge
CERCLIS Number TXD048901235
Sample Collection Date March 16, 2000
Laboratory Sample Identification 0T5BCW24
Contact Bill Rhotenberry (6SF-RA)
Report Date April 4, 2000

Report Narrative:

Standard procedures for quality assurance and quality control were followed in the analysis and reporting of the sample results. The results apply only to the samples tested. This final report should only be reproduced in full.

The laboratory routinely disposes of samples 90 days after all analysis has been completed. If you have a need to hold these samples in custody longer than 90 days, please send an e-mail to Larry Streck Streck.Larry@epa.gov within the next 30 days briefly stating your need to hold these samples in custody.

962108



Report Approvals:


David Stockton
Deputy Branch Chief (Acting)


Douglas A. Lipka
Region 6 Laboratory Branch Chief



United States Environmental Protection Agency
Region 6 Environmental Services Branch Laboratory
10625 Fallstone, Houston, Texas 77099

Final Analytical Report

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U. S. Environmental Protection Agency
Region 6 Houston Laboratory

Report For Sample Number 0T5BCW2401

Source: OLD BRAZOS FORGE

Site Description: GW-10b

Date/Time Received: 3/17/2000 09:00 AM

Date Completed 4/4/2000

Date/Time Collected: 3/16/2000 12:45 PM

Sample Type: LIQUID

Comments:

Parameter
LIMS

LOW LEVEL ICP/MS

Description

US EPA REGION 6 LABORATORY

SAMPLE #: 0T5BCW24-01

SOURCE: OLD BRAZOS FORGE
MATRIX AQUEOUS

DATES ANALYZED: 23-MAR-00

ANALYSTS: BB

PARAMETER CONCENTRATION		DETECTION LIMIT <=	UNITS	METHOD
ANTIMONY	ND	2.0	UG/L	200.8
ARSENIC	4.4	2.0	UG/L	200.8
CHROMIUM	ND	2.0	UG/L	200.8
VANADIUM	ND	2.0	UG/L	200.8

ND: LESS THAN DETECTION LIMIT



U. S. Environmental Protection Agency
Region 6 Houston Laboratory

Report For Sample Number 0T5BCW2402

Source: OLD BRAZOS FORGE

Site Description: GW-12b

Date/Time Received: 3/17/2000 09:00 AM

Date Completed 4/4/2000

Date/Time Collected: 3/16/2000

Sample Type: LIQUID

Comments: _____

Parameter

LIMS

Description

LOW LEVEL ICP/MS

US EPA REGION 6 LABORATORY

SAMPLE #: 0T5BCW24-02

SOURCE: OLD BRAZOS FORGE
MATRIX AQUEOUS

DATES ANALYZED: 23-MAR-00

ANALYSTS: BB

PARAMETER	CONCENTRATION	DETECTION LIMIT <=	UNITS	METHOD
ANTIMONY	ND	2.0	UG/L	200.8
ARSENIC	ND	2.0	UG/L	200.8
CHROMIUM	3.5	2.0	UG/L	200.8
VANADIUM	ND	2.0	UG/L	200.8

ND: LESS THAN DETECTION LIMIT



U. S. Environmental Protection Agency
Region 6 Houston Laboratory

Report For Sample Number OT5BCW2403

Source: OLD BRAZOS FORGE

Site Description: GW-11b

Date/Time Received: 3/17/2000 09:00 AM

Date Completed 4/4/2000

Date/Time Collected: 3/16/2000 12:00 PM

Sample Type: LIQUID

Comments: _____

Parameter

LIMS

LOW LEVEL ICP/MS

Description

US EPA REGION 6 LABORATORY

SAMPLE #: 0T5BCW24-03

SOURCE: OLD BRAZOS FORGE
MATRIX AQUEOUS

DATES ANALYZED: 23-MAR-00

ANALYSTS: BB

PARAMETER CONCENTRATION		DETECTION LIMIT <=	UNITS	METHOD
ANTIMONY	ND	2.0	UG/L	200.8
ARSENIC	ND	2.0	UG/L	200.8
CHROMIUM	3.3	2.0	UG/L	200.8
VANADIUM	ND	2.0	UG/L	200.8

ND: LESS THAN DETECTION LIMIT

U.S. EPA Region 6 Laboratory
Quality Control Report - Metals LaboratorySite Name: OLD BRAZOS FORGE
Sample #: OT5BCW2401Date Received: 17-Mar-00
Date Reported: 30-Mar-00

Quality Control for Sample Numbers: OT5BCW2401-03 AQ

Analysis: ICPMS (BB)							
Spike Added: 20 ug/l							
Analyte	Spiked Sample Result	Spiked Dup. Sample Result	Preparation Blank Result	Percent Recovery	Relative Percent Difference	Sample Result	LCS
Sb 123	5.37	5.2	DL	106%	2.8	0.09	100%
As 75	6.00	6.0	DL	98%	0.2	1.10	93%
Cr 52	4.85	4.7	DL	92%	3.4	0.27	98%
V 51	4.28	4.2	DL	86%	1.9		83%

ALL SAMPLES AND SPIKES @ 1:4 DILUTION

DL= Detection Limits

Acceptable Percent Recovery Range = 75-125%

Acceptable Relative Percent Difference = < 20

R.C.
3-30-00

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